

Patent Abstracts of Japan

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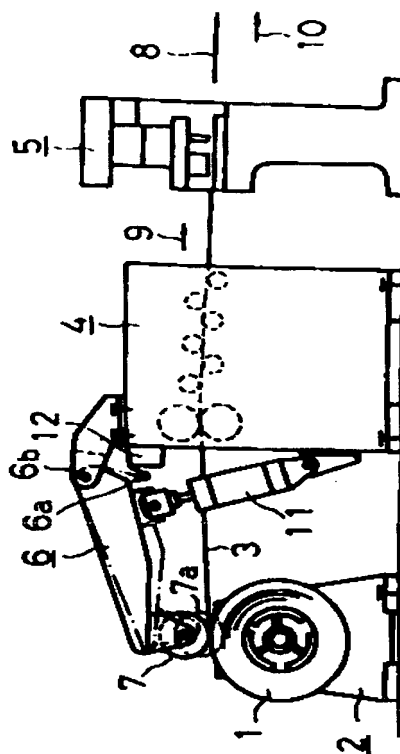
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TITLE : DETECTING DEVICE OF REMAINING
 QUANTITY OF COIL



ABSTRACT : **PURPOSE:** To judge accurately the remaining quantity of a coil by providing a detecting switch for detecting the position of a press holding roll, which is provided to a coil press-holding device and changes its position with the decrease of the remaining quantity of a coil.

CONSTITUTION: A coil 1 mounted on an uncoiler 2 is drawn out in the arrow direction, and the remaining quantity of the coil 1 is gradually decreased. The outer peripheral position of the coil 1 changes with the decrease of the remaining quantity, and a press holding roll 7 changes its position toward its lower position 7a. At that time, an edge 6a located at one end of a coil press-holding device 6 comes into contact with a detecting switch 12 attached to a leveller 4 to actuate the switch 12. The switch 12 transmits a signal corresponding to the position of the roll 7 to a controller. The controller judges the remaining quantity of the coil 1 by receiving the signal.

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